# Contents

*Original Papers*


Ahrens M, s. Ilmarinen J, et al. . . . . 1
Aittoniemi K, see Kalliomäki P-L, et al. . . . . 67
Alexandersson R, Hedenstierna G: Pulmonary Function After Long-Term Exposure to Trichlorophenol . . . . . 275
Angerer J, s. Schumacher-Wittkopf E . . . . . 77
Appel KE, Peter H, Bolt HM: Effect of Potential Antidotes on the Acute Toxicity of Acrylonitrile . . . . . 157
Araki S, Murata K, Yanagihara S, Ushio K: High Medical Consultation Rates of Lead Workers After Industrial Dispute over Lead Effects . . . . . 241
Astrup EG, see Digernes V . . . . . 193

Baer K, see Craig A, et al. . . . . 105
Baranowska-Dutkiewicz B: Skin Absorption of Phenol from Aqueous Solutions in Men 99
Bolt HM, see Appel KE, et al. . . . . 157
Bouhuys A †, see Zuskin E, et al. . . . . 41
Brossa O, see Danni O, et al. . . . . 165
Burdino E, see Danni O, et al. . . . . 165

Caperos JR, Droz PO, Hake CL, Humbert BE, Jacot-Guillarmod A: 1,1,1-Trichloroethane Exposure, Biologic Monitoring by Breath and Urine Analyses . . . . . 293
Craig A, Baer K, Diekmann A: The Effects of Lunch on Sensory-Perceptual Functioning in Man . . . . . 105

Daleva M, Piperova-Dalbokova D, Hadjiolova I, Mincheva L: Changes in the Excretion of Corticosteroids and Catecholamines in Tractor-drivers . . . . . 345
Danni O, Brossa O, Burdino E, Milillo P, Ugazio G: Toxicity of Halogenated Hydrocarbons in Pretreated Rats — An Experimental Model for the Study of *Integrated* Permissible Limits of Environmental Poisons . . . . . 165
Deyck W van, see Wibowo AAE, et al. . . . . 265
Diekmann A, see Craig A, et al. . . . . 105
Digernes V, Astrup EG: Are Datascreen Terminals a Source of Increased PCB-Concentrations in the Working Atmosphere . . . . . 193
Droszcz W, Kowalski J, Piotrowska B, Pawlowicz A, Pietruszewska E: Allergy to Fish in Fish Meal Factory Workers . . . . . 13
Droz PO, see Caperos JR, et al. . . . . 293

Emde E, see Knauth P, et al. . . . . 137

Fagioli F, see Monarca S, et al. . . . . 223
Fischbein A, see Wolff MS, et al. . . . . 199
Funata N, see Takano T, et al. . . . . 35
Futatsuka M, Ueda T: Quantitative Observations on Thermal and Metabolic Responses to Cold of Workers Using Vibrating Tools . . . . . 213

Gabryel A, see Jonderko G, et al. . . . . 209
Gundersen N, see Vokac Z, et al. . . . . 53

Hadjiolova I, see Daleva M, et al. . . . . 345
Hake CL, see Caperos JR, et al. . . . . 293
Hedenstierna G, see Alexandersson R . . . . . 275
Heinrich U, see Meiß R, et al . . . . . 305
Herber RFM, see Wibowo AAE, et al. . . . . 265
Humbert BE, see Caperos JR, et al. . . . . 293

Igaki H, see Tanaka K, et al. . . . . 177

Ikeda M, Koizumi A, Miyasaka M, Watanabe T: Styrene Exposure and Biologic Monitoring in FRP Boat Production Plants . . . . . 325
Ilmarinen J, Rutenfranz J, Kylian H, Klimmer F, Ahrens M, Ilmarinen R: Untersuchungen über unterschiedliche präventive Effekte von habituellen körperlichen Aktivitäten in Beruf bzw. Freizeit. II. . . . . 1
Ilmarinen R, s. Ilmarinen J, et al. . . . . 1

Jacot-Guillarmod A, see Caperos JR, et al. . . . . 293
Jakubowski M, see Radzikowska-Kintzi H . . . . . 115
Jannssens H, see Veulemans H, et al. . . . . 251
Jebens E, see Vokac Z, et al. . . . . 53
Jonderko G, Gabryel A, Jonderko K, Końca A, Marcisz C, Olak Z, Szramek-Urbaniak A: The Influence of Noise and Vibration upon Creatine Kinase Activity in Blood Serum 209
Jonderko K, see Jonderko G, et al. . . . . 209

Kalliomäki K, see Kalliomäki P-L, et al. . . . . 67
Kalliomäki P-L, Rahkonen E, Vaaranen V, Kalliomäki K, Aittoniemi K: Lung-Retained Contaminants, Urinary Chromium and Nickel Among Stainless Steel Welders . . 67
Kekoni J, see Sovolainen K, et al. . . . . 89
Kiesswetter E, see Knauth P, et al. . . . . 137
Kivistö H, see Kurppa K, et al. . . . . 83
Kjuus H, Lislerud A, Lyngdal PT, Omland H, Stave O, Langård S: Cancer and Polluted Work Places: A Case-Control Study . . . . . 281
Klimmer F, s. Ilmarinen J, et al. . . . . 1
Knauth P, Emde E, Rutenfranz J, Kiesswetter E, Smith P: Re-entrainment of Body Temperature in Field Studies of Shiftwork . . . . . 137
Koizumi A, see Ikeda M, et al. . . . . 325
Końca A, see Jonderko G, et al . . . . . 209
Kowalski J, see Droszcz W, et al. . . . . 13
Kurppa K, Kivistö H, Vainio H: Dichloromethane and Carbon Monoxide Inhalation: Carboxyhemoglobin Addition, and Drug Metabolizing Emzymes in Rat . . . . 83
Kylian H, s. Ilmarinen J, et al. . . . . 1

Laine A, see Sovolainen K, et al. . . . . 89
Langård S, see Kjuus H, et al. . . . . 281
Leplat A, see Veulemans H, et al. . . . . 251
Lilis R, see Wolff MS, et al. . . . . 199
Lislerud A, see Kjuus H, et al. . . . . 281
Loke J, see Zuskin E, et al. . . . . 41
Lyngdal PT, see Kjuus H, et al. . . . . 281

Maeda H, see Takano T, et al. . . . . 35
Magnus P, see Vokac Z, et al. . . . . 53
Marcisz C, see Jonderko G, et al. . . . . 209
Marui Sh, see Tanaka K, et al. . . . . 177
Masschelein R, see Veulemans H, et al. . . . . 251
Matsubara I, see Tanaka K, et al. . . . . 177
Meiß R, Heinrich U, Offermann M, Themann H: Long-Term Study of Liver Damage Following Subcutaneous Injection of Airborne Particle Extracts and Polycyclic Aromatic Hydrocarbon Fractions . . . . . 305
Mii T, see Tanaka K, et al. . . . . 177
Milillo P, see Danni O, et al. . . . . 165
Mincheva L, see Daleva M, et al. . . . . 345
Miyasaka M, see Ikeda M, et al. . . . . 325
Miyazaki Y, see Takano T, et al. . . . . 35
Monarca S, Pasquini R, Scassellati Sforzolini G, Viola V, Fagioli F: Application of the *Salmonella* Mutagenicity Assay and Determination of Polycyclic Aromatic Hydrocarbons in Workplaces Exposed to Petroleum Pitch and Petroleum Coke . . . . 223

Moro G, see Trevisan A . . . . . 129
Müller G, see Norpoth K, et al. . . . . 151
Murata K, see Araki S, et al. . . . . 241

Nishiyama K, Watanabe Sh: Temporary Threshold Shift of Vibratory Sensation After Clasping a Vibrating Handle . . . . . 21
Norpoth K, Müller G, Zilius Z, Ulynec U, Travenius SZM: Sensitive Spectrophotometric Determination of Carcinogenic Alpha Chloro Ethers . . . . . 151

Offermann M, see Meiß R, et al. . . . . 305
Okeda R, see Takano T, et al. . . . . 35
Olak Z, see Jonderko G, et al. . . . . 209
Omland H, see Kjuus H, et al. . . . . 281
Oxley GR: Blood Lead Concentrations: Apparent Reduction over Approximately One Decade . . . . . 341

Pasquini R, see Monarca S, et al. . . . . 223
Pawlowicz A, see Droszcz W, et al. . . . . 13
Peter H, see Appel KE, et al. . . . . 157
Pfaff G, Weber E: Mehr Unfälle durch die Sommerzeit? . . . . . 315
Pietruszewska E, see Droszcz W, et al. . . . . 13
Piotrowska B, see Droszcz W, et al. . . . . 13
Piperova-Dalbokova D, see Daleva M, et al. . . . . 345

Radzikowska-Kintzi H, Jakubowski M: Internal Standardization in the Head Space Analysis of Organic Solvents in Blood . . . . . 115
Raffi GB, Violante FS: Is Freon 113 Neurotoxic? A Case Report . . . . . 125
Rahkonen E, see Kalliomäki P-L, et al. . . . . 67
Rice C, see Wolff MS, et al. . . . . 199
Riihimäki V, see Sovolainen K, et al. . . . . 89
Rondia D, see Sartor F . . . . . 45
Rutenfranz J, s. Ilmarinen J, et al. . . . . 1
Rutenfranz J, see Knauth P, et al. . . . . 137

Sartor F, Rondia D: Aminolevulinate Dehydratase and Blood Lead Levels in Urban Male Adults . . . . . 45
Scassellati Sforzolini G, see Monarca S, et al. . . . . 223
Schumacher-Wittkopf E, Angerer J: Praxisgerechte Methode zur Kobaltbestimmung in Harn . . . . . 77
Selikoff IJ, see Wolff MS, et al. . . . . 199
Shimoyama H, see Takano T, et al. . . . . 35
Smith P, see Knauth P, et al. . . . . 137
Sovolainen K, Riihimäki V, Laine A, Kekoni J: Short-Term Exposure of Human Subjects to M-Xylene and 1,1,1-Trichloroethane . . . . . 89
Stave O, see Kjuus H, et al. . . . . 281
Szramek-Urbaniak A, see Jonderko G, et al. . . . . 209

Takano T, Miyazaki Y, Shimoyama H, Maeda H, Okeda R, Funata N: Direct Effects of Carbon Monoxide on Cardiac Function . . . . . 35
Tanaka K, Mii T, Marui Sh, Matsubara I, Igaki H: Mutagenicity of Urinary Metabolites of Benzidine and Benzidine-Based Azo Dyes . . . . . 177
Themann H, see Meiß R, et al. . . . . 305
Thornton J, see Wolff MS, et al. . . . . 199
Travenius SZM, see Norpoth K, et al. . . . . 151
Trevisan A, Moro G: Role of Acetylcholinesterase Inhibition in Toluene Diisocyanate (TDI) Induced Bronchoconstriction . . . . . 129

Ueda T, see Futatsuka M . . . . . 213
Ugazio G, see Danni O, et al. . . . . 165

Ulynec U, see Norpoth K, et al. . . . . 151
Ushio K, see Araki S, et al. . . . . 241

Vaaranen V, see Kalliomäki P-L, et al. . . . . 67
Vainio H, see Kurppa K, et al. . . . . 83
Van Vlem E, see Veulemans H, et al. . . . . 251
Veulemans H, Van Vlem E, Janssens H, Masschelein R, Leplat A: Experimental Human Exposure to n-Hexane . . . . . 251
Viola V, see Monarca S, et al. . . . . 223
Violante FS, see Raffi GB . . . . . 125
Vokac Z, Magnus P, Jebens E, Gundersen N: Apparent Phase-Shifts of Circadian Rhythms (Masking Effects) During Rapid Shift Rotation . . . . . 53

Watanabe Sh, see Nishiyama K . . . . . 21
Watanabe T, see Ikeda M, et al. . . . . 325
Weber E, s. Pfaff G . . . . . 315
Wibowo AAE, Herber RFM, Deyck W van, Zielhuis RL: Biological Assessment of Exposure in Factories with Second Degree Usage of Cadmium Compounds . . . 265
Wolff MS, Fischbein A, Thornton J, Rice C, Lilis R, Selikoff IJ: Body Burden of Polychlorinated Biphenyls Among Persons Employed in Capacitor Manufacturing . . . 199

Yanagihara S, see Araki S, et al. . . . . 241

Zielhuis RL, see Wibowo AAE, et al. . . . . 265
Zilius Z, see Norpoth K, et al. . . . . 151
Zuskin E, Loke J, Bouhuys A †: Helium-Oxygen Flow-Volume Curves in Detecting Acute Response to Hair Spray . . . . . 41

*Short Communications*

Angerer J, s. Mundt-Becker W . . . . . 187

Mundt-Becker W, Angerer J: Ein praxisgerechtes atomabsorptionsspektrometrisches Verfahren zur Bestimmung von Nickel in Harn . . . . . 187

*Documents of International Meetings and Activities*

Andlauer P, Rutenfranz J, Kogi K, Thierry H, Vieux N, Duverneuil G: Organization of Night Shifts in Industries Where Public Safety is at Stake . . . . . 353

Duverneuil G, see Andlauer P, et al. . . . . 353

Kogi K, see Andlauer P, et al. . . . . 353

McCullagh SF: Criteria for the Diagnosis of Asbestosis and Considerations in the Attribution of Lung Cancer and Mesothelioma to Asbestos Exposure . . . . . 357

Rutenfranz J, see Andlauer P, et al. . . . . 353

Thierry H, see Andlauer P, et al. . . . . 353
Tordoir WF: Education and Safe Handling in Pesticide Application . . . . . 363

Vieux N, see Andlauer P, et al. . . . . 353

Indexed in Current Contents